

Appl. No. 10/799,081
Reply dated May 16, 2005
Page 3

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim1 (original): A coolant composition to be blended in coolant for cooling a fuel cell stack, comprising a base material and a dye which maintains the electrical conductivity of the coolant at 10 μ S/cm or lower at 25°C.

Claim 2 (original): A coolant composition to be blended in coolant for cooling a fuel cell stack, comprising a base material and a dye which passes through a cation or anion exchanger provided in the fuel cell stack.

Claim 3 (currently amended): The coolant composition according to claim 1 or 2, wherein the dye does not change or the hue of the coolant at 100°C.

Claim 4 (previously presented): The coolant composition according to claim 1, wherein the dye is selected from the group consisting of azoic dyes, sulfuric dyes, vats, oil-soluble dyes, disperse dyes and combinations thereof, which do not have a sulfonic acid group or a carboxyl group.

Appl. No. 10/799,081
Reply dated May 16, 2005
Page 4

Claim 5 (original): The coolant composition according to claim 4, wherein the azoic dye is Azoic Blue 10 as defined by SDC.

Claim 6 (original): The coolant composition according to claim 4, wherein the sulfuric dye is selected from the group consisting of Sulphur Blue 3, Sulphur Blue 6, Sulphur Blue 7, Sulphur Blue 9, Sulphur Blue 13, Sulphur Green 1, Sulphur Red 2, Sulphur Red 3, Sulphur Red 5 and Sulphur Red 7 as defined by SDC.

Claim 7 (original): The coolant composition according to claim 4, wherein the vat is selected from the group consisting of Vat Blue 1, Vat Blue 3, Vat Blue 4, Vat Blue 5, Vat Blue 6, Vat Blue 12, Vat Blue 13, Vat Blue 14, Vat Blue 18, Vat Blue 19, Vat Blue 20, Vat Blue 35, Vat Blue 41, Vat Green 1 and Vat Red 1 as defined by SDC.

Claim 8 (original): The coolant composition according to claim 4, wherein the oil-soluble dye is selected from the group consisting of Solv. Blue 36, Solv. Blue 63, Solv. Green 3, Solv. Red 23, Solv. Red 43, Solv. Red 48, Solv. Red 72, Solv. Orange 2, Solv. Yellow 33 and Solv. Yellow 73 as defined by SDC.

Appl. No. 10/799,081
Reply dated May 16, 2005
Page 5

Claim 9 (original): The coolant composition according to claim 4, wherein the disperse dye is selected from the group consisting of Disperse Blue 1, Disperse Blue 3, Disperse Blue 14, Disperse Orange 1, Disperse Orange 3, Disperse Orange 11, Disperse Orange 13, Disperse Orange 25, Disperse Red 1, Disperse Red 13, Disperse Red 19, Disperse Yellow 3, and Disperse Yellow 9 as defined by SDC.

Claim 10 (previously presented): The coolant composition according to claim 1, wherein the dye is 0.00001 to 0.1 % by weight.

Claim 11 (currently amended): The coolant composition according to claim [[10]] 1, wherein the base material is selected from the group consisting of water, glycols, alcohols, glycol ethers and mixtures thereof.

Claim 12 (currently amended): The coolant composition according to claim [[11]] 1, and further comprising an anti-rust additive and an anti-foam agent.

Claim 13 (new): The coolant composition according to claim 1, wherein the base material is about 50% by weight.

Appl. No. 10/799,081
Reply dated May 16, 2005
Page 6

Claim 14 (new): A coolant composition to be blended in coolant for cooling a fuel cell stack, comprising:

- (a) a base comprising ethylene glycol and deionized water; and
- (b) a dye for maintaining the electrical conductivity of the coolant at 10 μ S/cm or lower at 25°C, the dye selected from the group consisting of Solv. Blue 63, Acid Blue 74 and Acid Red 52 as defined by SDC.

Claim 15 (new): The coolant composition according to claim 14, wherein the ethylene glycol is no more than about 50% by weight.